INTERNATIONAL SEARCH REPORT

International Application No PCT/GB2004/004586

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01Q1/24 H040 H04Q7/36 H01Q3/36 H01Q3/40 H01Q21/06 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) H01Q H04Q IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Α US 6 268 828 B1 (MARTEK GARY A) 1-18 31 July 2001 (2001-07-31) abstract column 5, line 14 - column 17, line 51 figures 4-6,9 A EP 0 568 886 A (ALCATEL ITALIA) 1-18 10 November 1993 (1993-11-10) claim 1 Α US 4 316 192 A (ACORACI JOSEPH H) 1 - 1816 February 1982 (1982-02-16) the whole document US 4 584 581 A (TESHIROGI TASUKU) Α 1-18 22 April 1986 (1986-04-22) column 7, line 19 - column 8, line 34 figures 5-7 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but *A* document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention "E" earlier document but published on or after the International "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority daim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 13 December 2004 23/12/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 van Norel, J

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/004586

Category* Citation of document, with indication, where appropriate, of the relevant passenges A WO 03/036756 A (QINETIQ LTD; THOMAS LOUIS DAVID (6B)) 1 May 2003 (2003-05-01) cited in the application abstract page 22, paragraph 2ND - page 23, paragraph 3RD figures 6,7 P,X WO 2004/088790 A (HASKELL PHILIP EDWARD; QUINTEL TECHNOLOGY LTD (6B)) 14 October 2004 (2004-10-14) cited in the application the whole document		ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
DAVID (GB)) 1 May 2003 (2003-05-01) cited in the application abstract page 22, paragraph 2ND - page 23, paragraph 3RD figures 6,7 WO 2004/088790 A (HASKELL PHILIP EDWARD; QUINTEL TECHNOLOGY LTD (GB)) 14 October 2004 (2004-10-14) cited in the application	Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
QUINTEL TECHNOLOGY LTD (GB)) 9-12,14, 14 October 2004 (2004-10-14) 15,18 cited in the application	A	DAVID (GB)) 1 May 2003 (2003-05-01) cited in the application abstract page 22, paragraph 2ND - page 23, paragraph 3RD	
	>,X	QUINTEL TECHNOLOGY LTD (GB)) 14 October 2004 (2004-10-14) cited in the application	9-12,14,

INTERNATIONAL SEARCH REPORT

information on patent family members

Intermental Application No
PCT/GB2004/004586

Patent document clted in search report			Publication date		Patent family member(s)		Publication date
US	6268828	B1	31-07-2001	NONE			<u> </u>
EP	0568886	A	10-11-1993	IT	1255307	В	31-10-1995
				ΑT	167306	T	15-06-1998
				ΑU	3834293	Α	11-11-1993
				CA	2095510	A1	06-11-1993
				DE	69319020	D1	16-07-1998
				EP	0568886	A1	10-11-1993
				US	5353032	Α	04-10-1994
US	4316192	 A	16-02-1982	DE	3064320	D1	25-08-1983
				EP	0028969	A1	20-05-1981
US	4584581	Α	22-04-1986	JP	1016048	В	22-03-1989
				JP	1533408		12-12-1989
				JP	58073206	Ā	02-05-1983
WO	03036756	 А	01-05-2003	CA	2461480	A1	01-05-2003
				EP		A2	04-08-2004
				WO	03036756		01-05-2003
				US	2004209572		21-10-2004
WO.	2004088790	Α	14-10-2004	WO	2004088790	A1	14-10-2004